

PROOFTESTER™

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Automatic optical fiber tensile testing system

- Fully automatic, easy to operate
- High pulling force
- Logging of test data
- Compact design
- PC controlled



The PROOFTESTER™ is a compact and light weight instrument ideal for testing the strength of optical fibers up to 30 N. It is developed to meet all applications where a strength tests has to be performed and has a user friendly design.

The fiber is easily placed in the guided linear clamps and the testing starts automatically with a “One Touch” go button. The built in microprocessor controls all important parameters such as pulling force, pulling speed and hold time. This allows for a completely controlled test every time.

The PROOFTESTER™ can be connected to an external PC for access to all programmable parameters and settings. It has an extensive capability of logging and saving information such as pulling force, pulling speed, fiber diameters and other parameters. It comes in small benchtop design and can be adapted to stand alone use or integration into different manufacturing systems.



TECHNICAL DATA

Fiber buffers	160–900µm
Tensile test	1–30 N
Resolution	0.1 N
Pulling speed	20–100 mm/min
Hold time	0–10 s
Power supply	External 12 V DC, 15 W
Compressed air supply	External compressor, 5–7 bar 4 mm tube instant push-in fitting
Dimensions	210 (W) x 138 (D) x 110 mm (H)
Weight	2.3 kg

NYFORS part number: 10100027

Accessories for PROOFTESTER				
Linear insert	Coating diameter	Article number	Article description	Label
	210-699µm	50100070	Linear insert, 210-699µm coating	210-699µm
	700-1000µm	50100071	Linear insert, 700-1000µm coating	700-1000µm
	Customer Specified	50100072	Linear insert, Generic	

Power supply & adaptors	Type	Article number	Article description
	Power supply, 100-240V, 15W	50100070	Power supply, 100-240V, 15W
	Adaptor for AU	50100006	Adaptor, Power supply (AU)
	Adaptor for EU	50100007	Adaptor, Power supply (EU)
	Adaptor for UK	50100008	Adaptor, Power supply (UK)
	Adaptor for US	50100009	Adaptor, Power supply (US)

Please contact us if you have any questions.